(v) work orders for Boundary wall, storage yard, sinter plant, power plant, power for intake water system, road weigh bridge, pig, casting M/C, refurbishing of B. F. equipments, etc, have already been issued and work is being mobilised by the agencies,

इस्पात संयंत्रों में रिक्त पद

583. **श्री दिलीप सिंह जूदेव:** क्या इस्पात मंत्री यह बताने की कृपा करेंगे कि:

(क) वर्ष 1996-97 के दौरान और अक्तूबर, 1997 तक हिन्दुस्तान स्टील कम्पनी लिमिटेड के अन्तर्गत स्थापित किए गए प्रत्येक इस्पात संयंत्र में अधिकारियों और कर्मचारियों के कुल कितने तकनीकी और गैर-तकनीकी पद खाली थे;

(ख) प्रश्नांकित वर्ष के दौरान प्रत्येक संयंत्र, में कितने पद भरे गए और कितने रिक्त रखे गए;

(ग) रिक्त पदों में से कितने पदों पर सीधी भर्ती की गई थी तथा कितने पदों को पदोन्नति द्वारा भरा गया, और

(घ) पदोन्नति तथा सीधी भर्ती से भरे गए पदों तथा रिक्त रखे गए पदों का तकनीकी तथा गैर-तकनीकी पद-वार ब्यौरा क्या है?

इस्पात मंत्री और खान मंत्री (श्री बीरेन्द्र प्रसाद बैश्य): (क) से (घ) हिन्दुस्तान स्टील कंपनी लि० मम और प्रकृति की कोई कंपनी इस समय इस्पात मंत्रालय के प्रशासनिक नियंत्रण में नहीं है।

Energy Consumption Norms in Mini Steel Industry

584. SHRI VEDPRAKASH P. GOYAL: Will the Minister of STEEL be pleased to state:

(a) whether Government have seen a report jointly prepared by Confederation of Indian Industry and Energy Management Centre on specific energy consumption norms in mini steel industry;

(b) if so, what are the details thereof; and Government's reaction thereto;

(c) what is the maximum and minimum consumption of electricity per tonne of molten steel in the mini steel plants separately for arc furnaces and induction furnaces;

(d) whether Government have made any analysis of the main causes of different electricity consumptions for melting scrap on different arc furnaces, similarly on different induction furnaces;

(e) the per unit net rate of electricity payable by mini steel industry in different States?

THE MINISTER OF STEEL AND THE MINISTER OF MINES (SHRI BIRENDRA PRASAD BAISHYA): (a) Yes, Sir.

(b) The report specifies the specific energy consumption norms for ministeel industry, specific energy consumption norms for individual major equipment, energy saving schemes for reducing energy consumption and achievable norms, technologies that need to be incorporated for achieving energy saving in Indian mini steel industry.

As most of the mini steel plants are in the private sector, initiative has to come from them to take steps to reduce specific energy consumption. The report has suggested that every unit should set an achievable voluntary energy saving targets of at least 3-5% every year and need to set up demonstration projects to cover computer based control system for power feeding, oxy-fuedl burners for arc furnaces, improving scrap pre-heating burners, temperature control for billet re-heating furnaces.

(c) Minimum and maximum electricity consumption per tonne of molten steel in mini steel plant-arc furnace are 490 kwh/metric tonne (45 metric tonne with UHP arc furnace) and 675 kwh/metric tonne in 15 metric tonne furnace. These figures are only for melting operation. Specific energy consumption varied from 617 to

630 kwh/metric tonne of liquid metal in induction furnaces.

(d) The specific energy consumption in electric arc and induction furnaces depends on various factors such as plant lay out, capacity, process technology, type of control & monitoring mechanism, type and quality of raw materials, finished product, quality of power etc.

(e) The State-wise electricity rates payable by mini steel industry in different States, as per available information, are given in the Statement.

Statement

	Medium Ind. (14600KWH/Month)		Large Ind. (2190000 KWH/Month)	
	As on 1.1.94	As on 1.3.95	As on 1.1.94	As on 1.3.95
Andhra Pradesh Urban	209.11	216.08	239.54	246.51
Assam Rural	125.25	125.25	171.78	171.78
Arunachal Pradesh	195.00	195.00	250.00	250.00
Bihar	138.54	138.54	212.58	212.58
Gujarat	261.50	261.50	315.99	315.99
Goa	175.00	175.00	178.32	178.32
Haryana	180.00	250.00	201.00	250.00
Himachal Pradesh	110.00	115.00	116.00	121.00
Jammu & Kashmir	48.80	48.80	18.80	48.80
Karnataka	161.89	161.89	227.21	227.21
Kerala Urban	101.32	115.65	105.33	118.33
Madhya Pradesh Rural Bombay and Pune	156.12	190.89	232.29	247.48
Maharashtra Other Areas	287.25	361.48	259.12	312.58
Manipur	100.14	100.11	79.62	79.62
Meghalaya	127.86	127.86	95.15	95.15
Mizoram	95.00	95.00	105.00	105.00
Nagaland	120.00	120.00	120.00	120.00
Orissa	125.00	165.00	190.34	223.36
Punjab	154.00	176.00	163.17	186.00
Rajasthan	176.00	202.00	191.00	220.00
Chandigarh	131.00	131.00	150.83	150.83
Sikkim	100.00	100.00	93.86	93.86
Madras & Metro	218.41	260.57	203.15	258.12
Tamil Nadu Non-Metro	208.41	250.07	193.15	247.62

	Medium Ind. (14600KWH/Month)		Large Ind. (2190000 KWH/Month)	
	As on 1.1.94	As on 1.3.95	As on 1.1.94	As on 1.3.95
Tripura	140.00	140.00		
Urban	201.34	226.53	224.51	
Uttar Pradesh		240.66		
Rural	210.01	216.09	244.88	276.99
West Bengal	255.40	279.06	206.13	253.87
Delhi (D.E.S.U.)	231.00	231.00	280.20	280.20
N.D.M.C.	231.00	231.00		
Damodar Valley				
Bihar Valley			135.74	183.30
West Bengal Area			139.10	87.16
Ahmedabad	215.59	222.36	253.14	259.43
Pondicherry	114.73	134.73	147.54	171.57
Daman & Diu	90.00	90.00	131.41	131.41
Dadra & Nagar Havelli	170.36	70.40	181.85	81.89
Lakshadweep	80.00	80.00		
Andaman	137.00	180.00		
Bombay				
B.E.S.T	395.94	371.29	234.00	209.35
Bombay Sub-Urban	357.83	417.66	295.97	337.27
Tatas			230.26	258.22
Calcutta (C.E.S.C.)	272.90	290.40	256.60	317.52
Durgapur Projects	219.40	219.40	210.46	210.46

Trainees of the Durgapur Steel Plant

585. DR. MOHAN BABU: Will the Minister of STEEL be pleased to state:

(a) whether it is a fact that many of the fresh management trainees trained at the Durgapur Steel Plant have left the plant and many others are proposing to leave;

(b) if so, the details thereof and the reasons therefor;

(c) how would it affect the modernisation of the plant that is underway; and

(d) whether these trainees are not required to execute any bond as to the minimum number of years they would have to serve before leaving the plant?

THE MINISTER OF STEEL AND THE MINISTER OF MINES (SHRI BIRENDRA PRASAD BAISHYA): (a) to (d) In the last five years period, the turnover among the Management trainees in Durgapur Steel Plant has been about 19%, which does not affect the modernisation that is underway. The reasons for leaving interalia include personal reasons, and joining other organisations etc. Management trainees who are sent abroad for training only are required to execute a bond.